

Item on CD titled	Finding	Useful in addressing the current use criterion
Ray's question 1	The report determined a pressure differential between the A and B sands during isolated and localized pump tests at PTW-1 and PTW-2 and observed OMW wells. No isolation of A and B sands was demonstrated outside the area bounded by the delineated Sand B ore body.	
Ray's question 2	I found no reference to either the New Braquet or Church water wells to the southeast of the PA in this report, i.e., no well construction information on these two water wells.	
Ray's question 3	I found no information in the report that adequately substantiates a determination of ground water gradient or ground water flow in the Goliad B sand.	
Ray's question 4	I found no information in PA-1 report about any water wells within the exempted area or surrounding AOR, i.e., wells used for water production.	
Section 3.0 Production Area Geology and Hydrology . . . Page 43/850 Section 3.1.1; 2 nd paragraph Report Page 3-2 <i>"Each of these sand units (A-D) appears to constitute a discrete individual aquifer unit within the permit area."</i> <i>"Individually, each of the sand units are confined"</i>	Statements support "individual aquifer units", implying that the individual aquifer units do not communicate hydraulically	Yes <i>Evaluate section 4.0 Hydrologic testing</i>

<i>above and below by clay/shale layer.”</i>		
Page 45/850 Report Page 3-4 Lagarto Fm., i.e., Lagarto Clay	Questionable relationship with Goliad . . . One sentence refers to the Lagarto as a clay while another refers to sand. Also question on whether the Goliad and Lagarto are interconnected? Last sentence on the page does not give units on values of Sand A structure surface . . . “75-80” what? Percent?	
Page 46/850 Report Page 3-4 “Displacement along this fault is approximately 35 feet.” Appears to refer to the southeastern fault downthrown to the northwest.		<i>Evaluate section 4.0 Hydrologic testing</i>
Page 46/850 Report Page 3-4 Statements about general ground water flow as southeasterly with flowrates between 6.7-7.9 feet per year, and “each of the four sands functions as an isolated aquifer.”		<i>Evaluate section 4.0 Hydrologic testing</i>
Section 4.0 Hydrologic testing . . .	Frazier question: Is migration from the exempted aquifer downward into lower USDWs addressed?	Frazier question not addressed in this report.